

# Wastewater P2

NO DUMPING  
  
DRAINS TO CREEK

# Environmental Concerns

- Heavy metals from sanding waste
- Oil, grease, and coolant from vehicles
- Toxic chemicals from cleaners, strippers, solvents, and paints
- Soaps from car washing



# Spill Prevention - Storage



- Closed containers
  - Hazardous materials
- Secondary containment
  - Inspect for leaks and spills

# Spill Prevention – Stored Vehicles



Use drip pans and vehicle spill control procedures

- Check-in vehicles
- Put down drip pan as needed
- Note disconnected hoses and leaks for other shop employees

# Spills

- Develop spill response Policy & Procedures
  - Include training
- Clean up drips and small spills right away
- Mark drains
- Drain inserts





# Drain Inserts

- Last line of defense
- Make sure BMPs and spill prevention practices are in place upstream
- Inspect regularly and clean or replace insert



# Maintain Clean Floors

- Prevents tracking
- Routine cleaning
  - Schedule time
  - Vacuum or Sweep
- Clean up spills right away
- Seal floors

# Control Sanding Waste

- Sand in designated areas for better control
- Vacuum sanding
- Block sanding- collect waste after each task
- Provides cleaner paint jobs
  - Reduces need to re-work
- Prevents tracking and spreading





# Control Sanding Waste

- Wet sanding –minimize water use
  - Squirt bottle and drip pan
  - Collect in clarifier
  - Inspect and service clarifier
    - Dispose of sludge properly, test to determine if hazardous waste

# Training

- Shop specific
- Hazardous materials handling
- Spill prevention
- Spill response in your shop
  - Location of spill equipment
  - Drain covers, emergency containment
- Routine safety meetings
- Compliance and P2 workshops

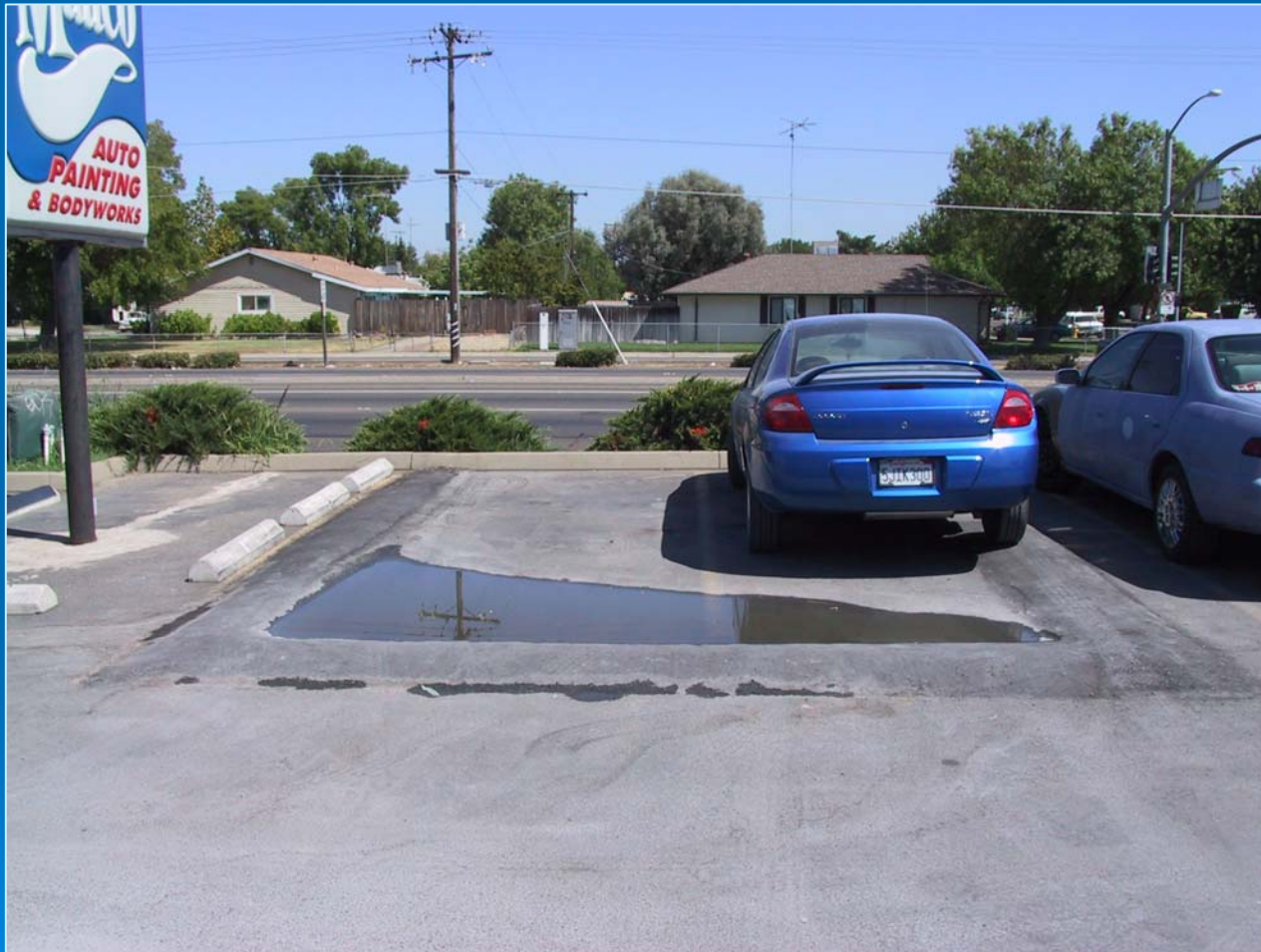
# Car Washing

- Contain wash water
  - Bermed and covered wash area
  - Wash water flows away from gutters, streets, storm drains
  - Portable wash pad
  - Discharge to sewer
- Closed loop water recycling system
- Clarifier or oil water separator
  - Inspect and service regularly

# Portable wash pad



# Bermed Wash Area





# Wash Areas

- Pump water to sewer
  - Use low toxicity soap
  - Soapy water only
  - Check with local sewer agency
- Minimize water use
- Cover in winter, rainy weather
- Clean out before winter storms

# Wastewater P2

- Protect ecosystems and groundwater supplies
- Prevent violations, fines and penalties
  - Industry-focused inspections from local agencies
- Be a good neighbor
  - Helps with community relations
  - Gain and keep customers